

COMBINED DECLARATION AND POWER OF ATTORNEY FOR A PATENT APPLICATION

INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

CONVERSION OF AN HDL SEQUENTIAL TRUTH TABLE TO GENERIC HDL ELEMENTS

SPECIFICATION IDENTIFICATION

the specification of which

is attached hereto.	4
XX was filed on December 6, 2000	as
United States Application 09/731,535	
or PCT International Application Number	
and was amended on	·
(if applicable)	

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign App	olication(s)	·		ority <u>med</u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
	nefit under title 35, U plication(s) listed below	nited States Code, Section 119(6 w	e) of any l	Jnited
.	(Application Number)	(Filing Date)	<u></u>	
	(Application Number)	(Filing Date)		
(Application Number		nternational filing date of this a (Status - patented, per		
(Application Number				
Jason K. Klindtworth, attorney/agent; with	vsius T. C. AuYeung, R Reg. No. 47,211; Rob full power of substitu	eg. No. 35,432; Robert A. Diehlert T. Watt, Reg. No. 45,890; as tion and revocation, to prosecu	my pater te this app	ıt olication
and to transact all bu	siness in the Patent an	d Trademark Office connected	herewith.	
Send correspondence	e to:	Direct telephone calls to: (Name and telephone number)		
COLUMBIA IP LAW (4900 SW Meadows F Lake Oswego, Oregon	Road, Suite 109	Robert A. Diehl 503-534-2800		

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of	f Sole/Firs			
Inventor:		Jerome Collin		
Inventor's		1	D (10
Signature:		Jenome Colli		Mourch 2nd, 2001
Residence:	Outrem		Citizenship:	Canada
		(City, State)	_	(Country)
Post Office A	Address:	790 Outremont Avenue, Apt		
		Outremont QC H2V 3N4, CA	NADA	
Full Name o	f Joint/Sec	cond Inventor: Reily M. Jacob	ру	
Inventor's	V			
Signature:			Date:	
Residence:	Boxford	, Massachusetts	Citizenship:	USA
		(City, State)		(Country)
Post Office A	Address:	49 Andersen Drive		
		Boxford, Massachusetts 0192	1	
Inventor's Signature: Residence: Post Office A	Madrid,	SPAIN (City, State) Universidad Carlos III de Mac	Date: Citizenship:	Spain (Country) ersidad 30
1001 011100 1	10.011 000.	E-28911 Leganes, Madrid, SF		
Full Name o Inventor's Signature: Residence:	f Joint/Fo	urth Inventor:(City, State)	Date: Citizenship:	(Country)
Post Office A	Address:			·
Full Name o	f Joint/Fif	th Inventor:	<u>.</u>	
Inventor's			Date:	

Signature:			
Residence:		Citizenship:	
	(City, State)		(Country)
Post Office Address:			
			

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.



MOMBINED DECLARATION AND POWER OF ATTORNEY FOR A PATENT APPLICATION

INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

CONVERSION OF AN HDL SEQUENTIAL TRUTH TABLE TO GENERIC HDL ELEMENTS

SPECIFICATION IDENTIFICATION

the specification of which	
is attached hereto.	
XX was filed on <u>December 6, 2000</u>	as
United States Application	09/731,535
or PCT International Application Number	
and was amended on	
(if applicable)	

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Ap	plication(s)			ority imed
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
•	nefit under title 35, U ional application(s) lis	Inited States Code, Section 1 sted below	l19(e) of	any
	Application Number)	(Filing Date)	_	
	Application Number)	(Filing Date)		
States application(s) of this application is provided by the first acknowledge the dutpatentability as defir became available bet	listed below and, inso not disclosed in the p paragraph of Title 35 by to disclose all infor aed in Title 37, Code o	United States Code, Section of ar as the subject matter of orior United States application, United States Code, Section mation known to me to be of Federal Regulations, Section the prior application and cation:	each of toon in the on 112, I material ion 1.56 v	the claim e manner to which
(Application Number) (Filing Date)	(Status - patented, per	ıding, abar	ndoned)
(Application Number	(Filing Date)	(Status - natented ner	ding aha	ndoned)

POWER OF ATTORNEY

I hereby appoint Aloysius T. C. AuYeung, Reg. No. 35,432; Robert A. Diehl, Reg. No. 40,992; Jason K. Klindtworth, Reg. No. 47,211; Robert T. Watt, Reg. No. 45,890; as my patent attorney/agent; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Direct telephone calls to:

(Name and telephone number)

COLUMBIA IP LAW GROUP, LLC 4900 SW Meadows Road, Suite 109 Lake Oswego, Oregon 97035

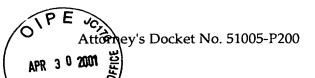
Robert A. Diehl 503-534-2800

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name	of Sole/First		
Inventor:	Jerome Collin		
Inventor's		Date	
Signature:			
Residence		Citizenshi	
:	Outremont, CANADA	p:	Canada
	(City, State)		(Country)
Post Office			
Address:	790 Outremont Avenue, Apt 7		
	Outremont QC H2V 3N4, CAN	NADA	
			
Eull Nama	of Joint/Second		
run Name (Inventor:	of Joint/Second Reily M. Jacoby		
Inventor's	in the standard of the standar	Date	
Signature:	Kily Janes	Date	3/26/01
Residence	1 July gares	Citizenshi	-/2-/-/
. Residence	Boxford, Massachusetts	p:	USA
•	(City, State)	_ P.	(Country)
Post Office			(Country)
Address:	49 Andersen Drive		
Addiess.	Boxford, Massachusetts 01921		
	DOXIOIU, Wassachusetts 01721		
Full Name	of Joint/Third		
Inventor:	Abelardo Pardo		
Inventor's		Date	
Signature:			
Residence		Citizenshi	
:	Madrid, SPAIN	_ p:	Spain
	(City, State)		(Country)
Post Office			
Address:	Universidad Carlos III de Mad	lrid, Avenida <mark>l</mark>	Jniversidad 30

E-2	28911 Leganes, Madrio	I, SPAIN	
Full Name of Joint/Four	rth		
Inventor:			
Inventor's		Date	
Signature:		·	
Residence		Citizenshi	
<u> </u>		p:	(0 .)
- •••	(City, State)		(Country)
Post Office Address:			
 Full Name of Joint/Fifth Inventor:	1		
Inventor's		Date	
Signature:		:	
Residence		Citizenshi	
•		p:	
	(City, State)		(Country)
Post Office Address:			



COMBINED DECLARATION AND POWER OF ATTORNEY FOR A PATENT APPLICATION

INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

CONVERSION OF AN HDL SEQUENTIAL TRUTH TABLE TO GENERIC HDL ELEMENTS

SPECIFICATION IDENTIFICATION

the specification of which	
is attached hereto. XX was filed on _ December 6, 2000	as
United States Application	09/731,535
or PCT International Application Number	
and was amended on	·
(if applicable)	

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority

<u>Prior Foreig</u>	n Applicat	tion(s)			<u>med</u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
United States pr	ovisional	application(s) l		 	any
	(Applic	cation Number)	(Filing Date)		
	(Applio	cation Number)	(Filing Date)		
States application of this application provided by the acknowledge the patentability as	on(s) listed on is not d first para e duty to d defined in e between	below and, insistiction is below and, insisted in the graph of Title 3 disclose all information Title 37, Code at the filing date	United States Code, Section sofar as the subject matter of prior United States applications, United States Code, Section reaction known to me to be not Federal Regulations, Section the prior application and ecation:	each of on in the on 112, I material ion 1.56	the claim e manner to which
(Application Nu		(Filing Date)	(Status - patented, pen	ding, abai	ndoned)

POWER OF ATTORNEY

(Status - patented, pending, abandoned)

(Filing Date)

(Application Number)

I hereby appoint Aloysius T. C. AuYeung, Reg. No. 35,432; Robert A. Diehl, Reg. No. 40,992; Jason K. Klindtworth, Reg. No. 47,211; Robert T. Watt, Reg. No. 45,890; as my patent attorney/agent; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Direct telephone calls to:

(Name and telephone number)

COLUMBIA IP LAW GROUP, LLC 4900 SW Meadows Road, Suite 109 Lake Oswego, Oregon 97035

Robert A. Diehl 503-534-2800

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ruii Name	or Sole/Fi			
Inventor:		Jerome Collin		
Inventor's Signature:		•	Date:	
Residence	_			
:	Outreme	ont, CANADA	_ Citizenship:	Canada
		(City, State)		(Country)
Post Office	<u>}</u>			
Address:		790 Outremont Avenue, Apt	7	
	•	Outremont QC H2V 3N4, CA	ANADA	
				
Full Name	of Joint/S	econd		
Inventor:	•	Reily M. Jacoby	7	
Inventor's				
Signature:			Date:	
Residence	_			
•	Boxford	, Massachusetts	Citizenship:	USA
	-	(City, State)	_ •	(Country)
Post Office	:	,		
Address:	4	49 Andersen Drive		
		Boxford, Massachusetts 0192	1	
	_			
F. 11 N	- C I - 1 - 1/TE	N. * J		
Full Name	or joint/ i			
Inventor:		Abelardo Pardo)	1.4
Inventor's			D-4	Mach 13th, 2001
Signature:	_	NULLY OU	Date:	Macu 13", 2001
Residence		CD A YOU		a :
	Madrid,		_ Citizenship:	Spain
		(City, State)		(Country)
Post Office			1 . 1	
Address:	_	Universidad Carlos III de Ma	·	Iniversidad 30
	_1	E-28911 Leganes, Madrid, SP	AIN	

Full Name of Joint/Fourth **Inventor:** Inventor's Signature: Date: Residence Citizenship: (Country) (City, State) **Post Office** Address: Full Name of Joint/Fifth **Inventor:** Inventor's Signature: Date: Residence Citizenship: : (Country) (City, State) **Post Office Address:**



- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A *prima facie* case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are: \sim
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.